

Yue Wang

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

157
papers

7,682
citations

50
h-index

83
g-index

170
ext. papers

9,215
ext. citations

8.6
avg, IF

6.37
L-index

#	Paper	IF	Citations
157	Carbazole-benzonitrile based organic semiconductors: Synthesis, characterization and electroluminescent property. <i>Organic Electronics</i> , 2022 , 102, 106445	3.5	1
156	Molecular Conformation Engineering To Achieve Longer and Brighter Deep Red/Near-Infrared Emission in Crystalline State. <i>Journal of Physical Chemistry Letters</i> , 2022 , 13, 4754-4761	6.4	0
155	Boron-Containing Organic Diradicaloids: Dynamically Modulating Singlet Diradical Character by Lewis Acid-Base Coordination. <i>Journal of the American Chemical Society</i> , 2021 , 143, 18272-18279	16.4	11
154	A TADF Emitter Featuring Linearly Arranged Spiro-Donor and Spiro-Acceptor Groups: Efficient Nondoped and Doped Deep-Blue OLEDs with CIE. <i>Angewandte Chemie - International Edition</i> , 2021 , 60, 9598-9603	16.4	38
153	A TADF Emitter Featuring Linearly Arranged Spiro-Donor and Spiro-Acceptor Groups: Efficient Nondoped and Doped Deep-Blue OLEDs with CIE. <i>Angewandte Chemie</i> , 2021 , 133, 9684-9689	3.6	13
152	Stimulated Emission Depletion (STED) Super-Resolution Imaging with an Advanced Organic Fluorescent Probe: Visualizing the Cellular Lipid Droplets at the Unprecedented Nanoscale Resolution 2021 , 3, 516-524		7
151	Highly Efficient Electroluminescence from Narrowband Green Circularly Polarized Multiple Resonance Thermally Activated Delayed Fluorescence Enantiomers. <i>Advanced Materials</i> , 2021 , 33, e2100652	24	57
150	Photoredox Organocatalysts with Thermally Activated Delayed Fluorescence for Visible-Light-Driven Atom Transfer Radical Polymerization. <i>Macromolecules</i> , 2021 , 54, 4633-4640	5.5	2
149	Highly Efficient Electrofluorescence Material Based on Pure Organic Phosphor Sensitization**. <i>Angewandte Chemie</i> , 2021 , 133, 15463-15467	3.6	0
148	Highly Efficient Electrofluorescence Material Based on Pure Organic Phosphor Sensitization*. <i>Angewandte Chemie - International Edition</i> , 2021 , 60, 15335-15339	16.4	13
147	A TPA-DCPP organic semiconductor film-based room temperature NH ₃ sensor for insight into the sensing properties. <i>Sensors and Actuators B: Chemical</i> , 2021 , 327, 128940	8.5	5
146	Reversible Crystal-to-Crystal Phase Transitions with High-Contrast Luminescent Alterations for a Thermally Activated Delayed Fluorescence Emitter. <i>Advanced Functional Materials</i> , 2021 , 31, 2007511	15.6	25
145	An "all-in-one" strategy based on the organic molecule DCN-4CQA for effective NIR-fluorescence-imaging-guided dual phototherapy. <i>Journal of Materials Chemistry B</i> , 2021 , 9, 5785-5793	7.3	1
144	Organoboron compounds constructed through the tautomerization of 1H-indole to 3H-indole for red OLEDs. <i>Journal of Materials Chemistry C</i> , 2021 , 9, 6834-6840	7.1	5
143	Simple/efficient solution-processed emitting systems dominated by a novel bipolar small-molecule iridium(III) complex. <i>Materials Advances</i> , 2021 , 2, 5906-5911	3.3	0
142	The stacking induced organic room temperature phosphorescence: A compact weak interaction mechanism. <i>Chemical Physics Letters</i> , 2021 , 780, 138904	2.5	
141	Doped crystalline thin-film deep-blue organic light-emitting diodes. <i>Journal of Materials Chemistry C</i> , 2021 , 9, 2236-2242	7.1	4

140	Highly efficient phosphorescent organic light-emitting diodes based on novel bipolar iridium complexes with easily-tuned emission colors by adjusting fluorine substitution on phenylpyridine ligands. <i>Journal of Materials Chemistry C</i> , 2021 , 9, 8329-8336	7.1	1
139	High-quality warm white organic electroluminescence from efficient phosphor-only emitting systems based on bipolar iridium(III) complexes. <i>Journal of Materials Chemistry C</i> , 2020 , 8, 16730-16735	7.1	2
138	A Red-Emissive Fluorescent Probe with a Compact Single-Benzene-Based Skeleton for Cell Imaging of Lipid Droplets. <i>Advanced Optical Materials</i> , 2020 , 8, 1902123	8.1	16
137	Highly oriented crystalline thin film with high electroluminescence performance fabricated by weak epitaxy growth. <i>Organic Electronics</i> , 2020 , 84, 105806	3.5	3
136	Constructing Charge-Transfer Excited States Based on Frontier Molecular Orbital Engineering: Narrowband Green Electroluminescence with High Color Purity and Efficiency. <i>Angewandte Chemie</i> , 2020 , 132, 17595-17599	3.6	17
135	Constructing Charge-Transfer Excited States Based on Frontier Molecular Orbital Engineering: Narrowband Green Electroluminescence with High Color Purity and Efficiency. <i>Angewandte Chemie - International Edition</i> , 2020 , 59, 17442-17446	16.4	90
134	Simple/efficient phosphor-only emitting systems: from sky-blue to warm-white organic electroluminescence based on a novel bipolar phosphorescent emitter as the host. <i>Journal of Materials Chemistry C</i> , 2020 , 8, 5355-5360	7.1	2
133	Molecular-Structure and Device-Configuration Optimizations toward Highly Efficient Green Electroluminescence with Narrowband Emission and High Color Purity. <i>Advanced Optical Materials</i> , 2020 , 8, 1902142	8.1	81
132	Improving the Efficiency of Red Thermally Activated Delayed Fluorescence Organic Light-Emitting Diode by Rational Isomer Engineering. <i>Advanced Functional Materials</i> , 2020 , 30, 2002681	15.6	62
131	Highly Efficient Microcavity Organic Light-Emitting Devices with Narrow-Band Pure UV Emission. <i>ACS Applied Materials & Interfaces</i> , 2020 , 12, 10717-10726	9.5	10
130	Benzimidazole-triazine based exciplex films as emitters and hosts to construct highly efficient OLEDs with a small efficiency roll-off. <i>Journal of Materials Chemistry C</i> , 2020 , 8, 2700-2708	7.1	20
129	Fluorine-Substituted Phenanthro[9,10-d]imidazole Derivatives with Optimized Charge-Transfer Characteristics for Efficient Deep-Blue Emitters. <i>Organic Materials</i> , 2020 , 02, 011-019	1.9	3
128	Achieving High-Performance Pure-Red Electrophosphorescent Iridium(III) Complexes Based on Optimizing Ancillary Ligands. <i>Chemistry - A European Journal</i> , 2020 , 26, 4410-4418	4.8	6
127	Boron-containing D _{3h} type TADF materials with tiny singlet-triplet energy splittings and high photoluminescence quantum yields for highly efficient OLEDs with low efficiency roll-offs. <i>Journal of Materials Chemistry C</i> , 2020 , 8, 3846-3854	7.1	13
126	From sky blue to orange red: Accomplishment of single-emitter full-color electroluminescence via manipulating intermolecular interactions. <i>Organic Electronics</i> , 2020 , 78, 105550	3.5	3
125	Rational design of efficient orange-red to red thermally activated delayed fluorescence emitters for OLEDs with external quantum efficiency of up to 26.0% and reduced efficiency roll-off. <i>Journal of Materials Chemistry C</i> , 2020 , 8, 1614-1622	7.1	19
124	Room-Temperature Phosphorescence and Low-Energy Induced Direct Triplet Excitation of Alq Engineered Crystals. <i>Journal of Physical Chemistry Letters</i> , 2020 , 11, 9364-9370	6.4	1
123	High-efficiency non-doped deep-blue fluorescent organic light-emitting diodes based on carbazole/phenanthroimidazole derivatives. <i>Journal of Materials Chemistry C</i> , 2020 , 8, 10185-10190	7.1	21

122	Mechanochromic luminescence based on a phthalonitrile-bridging salophen zinc(II) complex. <i>New Journal of Chemistry</i> , 2019 , 43, 15886-15891	3.6	10
121	Purely Organic Phosphorescence Emitter-Based Efficient Electroluminescence Devices. <i>Journal of Physical Chemistry Letters</i> , 2019 , 10, 5983-5988	6.4	40
120	A rapid-response room-temperature planar type gas sensor based on DPA-Ph-DBPzDCN for the sensitive detection of NH ₃ . <i>Journal of Materials Chemistry A</i> , 2019 , 7, 4744-4750	13	21
119	Exciplex-Based Electroluminescence: Over 21% External Quantum Efficiency and Approaching 100 lm/W Power Efficiency. <i>Journal of Physical Chemistry Letters</i> , 2019 , 10, 2811-2816	6.4	31
118	Suppressing Efficiency Roll-Off of TADF Based OLEDs by Constructing Emitting Layer With Dual Delayed Fluorescence. <i>Frontiers in Chemistry</i> , 2019 , 7, 302	5	7
117	Red-Emissive Organic Crystals of a Single-Benzene Molecule: Elastically Bendable and Flexible Optical Waveguide. <i>Journal of Physical Chemistry Letters</i> , 2019 , 10, 1437-1442	6.4	64
116	An Organic Emitter Displaying Dual Emissions and Efficient Delayed Fluorescence White OLEDs. <i>Advanced Optical Materials</i> , 2019 , 7, 1801667	8.1	16
115	Novel sky blue heteroleptic iridium(III) complexes with finely-optimized emission spectra for highly efficient organic light-emitting diodes. <i>Journal of Materials Chemistry C</i> , 2019 , 7, 5579-5583	7.1	5
114	Nonsymmetrical Connection of Two Identical Building Blocks: Constructing Donor-Acceptor Molecules as Deep Blue Emitting Materials for Efficient Organic Emitting Diodes. <i>Journal of Physical Chemistry Letters</i> , 2019 , 10, 842-847	6.4	33
113	Novel phthalocyanine-based polymeric micelles with high near-infrared photothermal conversion efficiency under 808 nm laser irradiation for in vivo cancer therapy. <i>Journal of Materials Chemistry B</i> , 2019 , 7, 2247-2251	7.3	16
112	Construction of Efficient Deep-Red/Near-Infrared Emitter Based on a Large π -Conjugated Acceptor and Delayed Fluorescence OLEDs with External Quantum Efficiency of over 20%. <i>Journal of Physical Chemistry C</i> , 2019 , 123, 18585-18592	3.8	44
111	Achieving Efficient Blue Delayed Electrofluorescence by Shielding Acceptors with Carbazole Units. <i>ACS Applied Materials & Interfaces</i> , 2019 , 11, 28096-28105	9.5	23
110	Controllably realizing elastic/plastic bending based on a room-temperature phosphorescent waveguiding organic crystal. <i>Chemical Science</i> , 2019 , 10, 227-232	9.4	74
109	Isomer dependent molecular packing and carrier mobility of N-phenylcarbazole π -phenanthro[9,10-d]imidazole based materials as hosts for efficient electrophosphorescence devices. <i>Journal of Materials Chemistry C</i> , 2019 , 7, 13486-13492	7.1	14
108	Photoluminescent manipulation of phenoxazine-based molecules via regulating conformational isomerization, and the corresponding electroluminescent properties. <i>Journal of Materials Chemistry C</i> , 2019 , 7, 14255-14263	7.1	9
107	Direct monitoring of the recombination zone in highly efficient phosphorescent organic light-emitting diodes based on a high-doping concentration emitting system. <i>Journal of Materials Chemistry C</i> , 2019 , 7, 13287-13293	7.1	2
106	Novel Blue Bipolar Thermally Activated Delayed Fluorescence Material as Host Emitter for High-Efficiency Hybrid Warm-White OLEDs with Stable High Color-Rendering Index. <i>Advanced Functional Materials</i> , 2018 , 28, 1707002	15.6	66
105	Constructing Full-Color Highly Emissive Organic Solids Based on an X-Shaped Tetrasubstituted Benzene Skeleton. <i>Journal of Physical Chemistry C</i> , 2018 , 122, 10510-10518	3.8	32

104	Constructing efficient organic photovoltaic devices with a spirobifluorene based water/alcohol-soluble cathode interlayer. <i>New Journal of Chemistry</i> , 2018 , 42, 8960-8967	3.6	3
103	A luminescent benzothiadiazole-bridging bis(salicylaldiminato)zinc(ii) complex with mechanochromic and organogelation properties. <i>Dalton Transactions</i> , 2018 , 47, 6146-6155	4.3	29
102	Elastic Self-Doping Organic Single Crystals Exhibiting Flexible Optical Waveguide and Amplified Spontaneous Emission. <i>Advanced Materials</i> , 2018 , 30, e1800814	24	115
101	Controllable morphology and self-assembly of one-dimensional luminescent crystals based on alkyl-fluoro-substituted dithienophenazines. <i>CrystEngComm</i> , 2018 , 20, 1669-1678	3.3	3
100	Benzothiadiazole-oligothiophene flanked dicyanomethylenated quinacridone for non-fullerene acceptors in polymer solar cells. <i>New Journal of Chemistry</i> , 2018 , 42, 5005-5013	3.6	6
99	Highly Efficient Phosphorescent Furo[3,2-c]pyridine Based Iridium Complexes with Tunable Emission Colors over the Whole Visible Range. <i>ACS Applied Materials & Interfaces</i> , 2018 , 10, 1888-1896	9.5	36
98	Highly Elastic Organic Crystals for Flexible Optical Waveguides. <i>Angewandte Chemie - International Edition</i> , 2018 , 57, 8448-8452	16.4	133
97	Efficient polymer solar cells based on a cathode interlayer of dicyanomethylenated indacenodithiophene derivative with large π -conjugation and electron-deficient properties. <i>Journal of Materials Chemistry C</i> , 2018 , 6, 57-65	7.1	7
96	Solution processible yellow-emitting iridium complexes based on furo[3,2-c]pyridine ligand. <i>Organic Electronics</i> , 2018 , 53, 191-197	3.5	3
95	A twisted phenanthroimidazole based molecule with high triplet energy as a host material for high efficiency phosphorescent OLEDs. <i>Journal of Materials Chemistry C</i> , 2018 , 6, 12888-12895	7.1	16
94	A dibenzo[a,c]phenazine-11,12-dicarbonitrile (DBPzDCN) acceptor based thermally activated delayed fluorescent compound for efficient near-infrared electroluminescent devices. <i>Journal of Materials Chemistry C</i> , 2018 , 6, 6698-6704	7.1	34
93	Structurally simple non-doped sky-blue OLEDs with high luminance and efficiencies at low driving voltages. <i>Journal of Materials Chemistry C</i> , 2017 , 5, 1973-1980	7.1	36
92	Highly Efficient Long-Wavelength Thermally Activated Delayed Fluorescence OLEDs Based on Dicyanopyrazino Phenanthrene Derivatives. <i>ACS Applied Materials & Interfaces</i> , 2017 , 9, 9892-9901	9.5	128
91	Terminal π -stacking determines three-dimensional molecular packing and isotropic charge transport in an A ⁿ electron acceptor for non-fullerene organic solar cells. <i>Journal of Materials Chemistry C</i> , 2017 , 5, 4852-4857	7.1	158
90	ESIPT-active organic compounds with white luminescence based on crystallization-induced keto emission (CIKE). <i>Chemical Communications</i> , 2017 , 53, 7832-7835	5.8	45
89	Rational Design and Characterization of Heteroleptic Phosphorescent Complexes for Highly Efficient Deep-Red Organic Light-Emitting Devices. <i>ACS Applied Materials & Interfaces</i> , 2017 , 9, 11749-11758	8.5	46
88	Fabrication of well-ordered porous array mounted with gold nanoparticles and enhanced sensing properties for mixed potential-type zirconia-based NH ₃ sensor. <i>Sensors and Actuators B: Chemical</i> , 2017 , 243, 1083-1091	8.5	27
87	An approach to high open-circuit voltage polymer solar cells via alcohol/water-soluble cathode interlayers based on anthrathiadiazole derivatives. <i>New Journal of Chemistry</i> , 2017 , 41, 13166-13174	3.6	3

86	Single-Molecule-based White-Light Emissive Organic Solids with Molecular-Packing-Dependent Thermally Activated Delayed Fluorescence. <i>Journal of Physical Chemistry Letters</i> , 2017 , 8, 4808-4813	6.4	57
85	A novel furo[3,2-c]pyridine-based iridium complex for high-performance organic light-emitting diodes with over 30% external quantum efficiency. <i>Journal of Materials Chemistry C</i> , 2017 , 5, 10122-10125	7.1	19
84	Deep-Red to Near-Infrared Thermally Activated Delayed Fluorescence in Organic Solid Films and Electroluminescent Devices. <i>Angewandte Chemie - International Edition</i> , 2017 , 56, 11525-11529	16.4	218
83	Deep-Red to Near-Infrared Thermally Activated Delayed Fluorescence in Organic Solid Films and Electroluminescent Devices. <i>Angewandte Chemie</i> , 2017 , 129, 11683-11687	3.6	40
82	Geometric Shape Regulation and Noncovalent Synthesis of One-Dimensional Organic Luminescent Nano-/Micro-Materials. <i>Journal of Physical Chemistry Letters</i> , 2017 , 8, 3711-3717	6.4	4
81	Efficient Red-Emissive Organic Crystals with Amplified Spontaneous Emissions Based on a Single Benzene Framework. <i>Angewandte Chemie - International Edition</i> , 2017 , 56, 12543-12547	16.4	50
80	Alcohol-Soluble Isoindigo Derivative IIDTh-NSB as a Novel Modifier of ZnO in Inverted Polymer Solar Cells. <i>ACS Applied Materials & Interfaces</i> , 2017 , 9, 42969-42977	9.5	13
79	Methoxyl modification in furo[3,2-c]pyridine-based iridium complexes towards highly efficient green- and orange-emitting electrophosphorescent devices. <i>Journal of Materials Chemistry C</i> , 2017 , 5, 12221-12227	7.1	12
78	Micro organic light-emitting diodes fabricated through area-selective growth. <i>Materials Chemistry Frontiers</i> , 2017 , 1, 2606-2612	7.8	9
77	2-(2-Hydroxyphenyl)imidazole-based four-coordinate organoboron compounds with efficient deep blue photoluminescence and electroluminescence. <i>Dalton Transactions</i> , 2017 , 47, 127-134	4.3	18
76	Supramolecular Structure-Dependent Thermally-Activated Delayed Fluorescence (TADF) Properties of Organic Polymorphs. <i>Journal of Physical Chemistry C</i> , 2016 , 120, 19759-19767	3.8	45
75	Quinacridone-based π -conjugated electronic materials. <i>Journal of Materials Chemistry C</i> , 2016 , 4, 9918-9936	3.6	42
74	Highly efficient blue solid emitters and tautomerization-induced ON/OFF fluorescence switching based on structurally simple 3(5)-phenol-1H-pyrazoles. <i>Chemical Communications</i> , 2016 , 52, 13128-13131	5.8	8
73	Induction of Strong Long-Lived Room-Temperature Phosphorescence of N-Phenyl-2-naphthylamine Molecules by Confinement in a Crystalline Dibromobiphenyl Matrix. <i>Angewandte Chemie - International Edition</i> , 2016 , 55, 15589-15593	16.4	201
72	Insights into the working mechanism of cathode interlayers in polymer solar cells via [(C ₈ H ₁₇) ₄ N] ₄ [SiW ₁₂ O ₄₀]. <i>Journal of Materials Chemistry A</i> , 2016 , 4, 19189-19196	13	33
71	High Performance Small-Molecule Cathode Interlayer Materials with D-A-D Conjugated Central Skeletons and Side Flexible Alcohol/Water-Soluble Groups for Polymer Solar Cells. <i>ACS Applied Materials & Interfaces</i> , 2016 , 8, 32823-32832	9.5	28
70	Rational design and characterization of heteroleptic phosphorescent iridium(III) complexes for highly efficient deep-blue OLEDs. <i>Journal of Materials Chemistry C</i> , 2016 , 4, 10246-10252	7.1	39
69	Novel Emitting System Based on a Multifunctional Bipolar Phosphor: An Effective Approach for Highly Efficient Warm-White Light-Emitting Devices with High Color-Rendering Index at High Luminance. <i>Advanced Materials</i> , 2016 , 28, 5963-8	24	77

68	Non-doped luminescent material based organic light-emitting devices displaying high brightness under very low driving voltage. <i>Journal of Materials Chemistry C</i> , 2016 , 4, 7013-7019	7.1	22
67	Highly Crystalline Films of Organic Small Molecules with Alkyl Chains Fabricated by Weak Epitaxy Growth. <i>Journal of Physical Chemistry B</i> , 2016 , 120, 4310-8	3.4	5
66	N-type cathode interlayer based on dicyanomethylenated quinacridone derivative for high-performance polymer solar cells. <i>Journal of Materials Chemistry A</i> , 2016 , 4, 2169-2177	13	21
65	Dicyanomethylenated Acridone Based Crystals: Torsional Vibration Confinement Induced Emission with Supramolecular Structure Dependent and Stimuli Responsive Characteristics. <i>Journal of Physical Chemistry C</i> , 2016 , 120, 587-597	3.8	40
64	Single-benzene solid emitters with lasing properties based on aggregation-induced emissions. <i>Chemical Communications</i> , 2016 , 52, 6577-80	5.8	42
63	Two-Dimensional Organic Single Crystals with Scale Regulated, Phase-Switchable, Polymorphism-Dependent, and Amplified Spontaneous Emission Properties. <i>Journal of Physical Chemistry Letters</i> , 2016 , 7, 1697-702	6.4	52
62	Two Host-Dopant Emitting Systems Realizing Four-Color Emission: A Simple and Effective Strategy for Highly Efficient Warm-White Organic Light-Emitting Diodes with High Color-Rendering Index at High Luminance. <i>ACS Applied Materials & Interfaces</i> , 2016 , 8, 11221-5	9.5	31
61	Efficient deep-blue OLEDs based on phenanthro[9,10-d]imidazole-containing emitters with AIE and bipolar transporting properties. <i>Journal of Materials Chemistry C</i> , 2016 , 4, 10120-10129	7.1	68
60	Alcohol/water-soluble porphyrins as cathode interlayers in high-performance polymer solar cells. <i>Science China Chemistry</i> , 2015 , 58, 323-330	7.9	9
59	Diboron complexes with bis-spiro structures as high-performance blue emitters for OLEDs. <i>Dalton Transactions</i> , 2015 , 44, 14436-43	4.3	21
58	A novel bipolar phosphorescent host for highly efficient deep-red OLEDs at a wide luminance range of 1000-10 000 cd m ⁻²). <i>Chemical Communications</i> , 2015 , 51, 12544-7	5.8	43
57	A novel tetraphenylsilane-phenanthroimidazole hybrid host material for highly efficient blue fluorescent, green and red phosphorescent OLEDs. <i>Journal of Materials Chemistry C</i> , 2015 , 3, 4394-4401	7.1	77
56	2-(2-Hydroxyphenyl)benzimidazole-based four-coordinate boron-containing materials with highly efficient deep-blue photoluminescence and electroluminescence. <i>Inorganic Chemistry</i> , 2015 , 54, 2652-9	5.1	61
55	Luminescent chromism of boron diketonate crystals: distinct responses to different stresses. <i>Advanced Materials</i> , 2015 , 27, 2918-22	24	195
54	Structurally simple phenanthroimidazole-based bipolar hosts for high-performance green and red electroluminescent devices. <i>RSC Advances</i> , 2015 , 5, 73926-73934	3.7	13
53	Large π -Conjugated Quinacridone Derivatives: Syntheses, Characterizations, Emission, and Charge Transport Properties. <i>Organic Letters</i> , 2015 , 17, 6146-9	6.2	19
52	Red emissive diarylboron diketonate crystals: aggregation-induced color change and amplified spontaneous emission. <i>Journal of Materials Chemistry C</i> , 2015 , 3, 499-505	7.1	35
51	D- π A triarylboron compounds with tunable push-pull character achieved by modification of both the donor and acceptor moieties. <i>Chemistry - A European Journal</i> , 2015 , 21, 177-90	4.8	105

50	Highly Efficient Near-Infrared Delayed Fluorescence Organic Light Emitting Diodes Using a Phenanthrene-Based Charge-Transfer Compound. <i>Angewandte Chemie</i> , 2015 , 127, 13260-13264	3.6	55
49	Highly Efficient Near-Infrared Delayed Fluorescence Organic Light Emitting Diodes Using a Phenanthrene-Based Charge-Transfer Compound. <i>Angewandte Chemie - International Edition</i> , 2015 , 54, 13068-72	16.4	369
48	Organic Crystals with Near-Infrared Amplified Spontaneous Emissions Based on 2RHydroxychalcone Derivatives: Subtle Structure Modification but Great Property Change. <i>Angewandte Chemie - International Edition</i> , 2015 , 54, 8369-73	16.4	118
47	High performance full color OLEDs based on a class of molecules with dual carrier transport channels and small singlet-triplet splitting. <i>Chemical Communications</i> , 2015 , 51, 10632-5	5.8	79
46	Application of a water-soluble metallophthalocyanine derivative as a cathode interlayer for the polymer solar cells. <i>Solar Energy Materials and Solar Cells</i> , 2015 , 141, 93-100	6.4	17
45	Highly efficient, little efficiency roll-off orange-red electrophosphorescent devices based on a bipolar iridium complex. <i>Journal of Materials Chemistry C</i> , 2015 , 3, 1452-1456	7.1	17
44	Assembly of twisted luminescent architectures based on acenaphtho[1,2-k]fluoranthene derivatives. <i>Chemical Communications</i> , 2015 , 51, 4477-80	5.8	8
43	High performance blue-green and green phosphorescent OLEDs based on iridium complexes with N ^C N-coordinated terdentate ligands. <i>RSC Advances</i> , 2015 , 5, 18328-18334	3.7	14
42	Highly efficient polymer solar cells based on a universal cathode interlayer composed of metallophthalocyanine derivative with good film-forming property. <i>Journal of Materials Chemistry A</i> , 2015 , 3, 4547-4554	13	34
41	A water-soluble metallophthalocyanine derivative as a cathode interlayer for highly efficient polymer solar cells. <i>Journal of Materials Chemistry A</i> , 2014 , 2, 12484-12491	13	49
40	Organic polymorphs: one-compound-based crystals with molecular-conformation- and packing-dependent luminescent properties. <i>Advanced Materials</i> , 2014 , 26, 6168-73	24	224
39	New multifunctional phenanthroimidazolephosphine oxide hybrids for high-performance red, green and blue electroluminescent devices. <i>Journal of Materials Chemistry C</i> , 2014 , 2, 6817-6826	7.1	65
38	Very High Efficiency Orange-Red Light-Emitting Devices with Low Roll-Off at High Luminance Based on an Ideal Host-Guest System Consisting of Two Novel Phosphorescent Iridium Complexes with Bipolar Transport. <i>Advanced Functional Materials</i> , 2014 , 24, 7420-7426	15.6	90
37	Four-coordinate organoboron compounds for organic light-emitting diodes (OLEDs). <i>Chemical Society Reviews</i> , 2013 , 42, 8416-33	58.5	367
36	High-Performance Red, Green, and Blue Electroluminescent Devices Based on Blue Emitters with Small Singlet-Triplet Splitting and Ambipolar Transport Property. <i>Advanced Functional Materials</i> , 2013 , 23, 2672-2680	15.6	127
35	Concentration-insensitive and low-driving-voltage OLEDs with high efficiency and little efficiency roll-off using a bipolar phosphorescent emitter. <i>Organic Electronics</i> , 2013 , 14, 1649-1655	3.5	19
34	Addressable organic structure by anisotropic wetting. <i>Advanced Materials</i> , 2013 , 25, 2018-23	24	16
33	Highly efficient phosphorescent OLEDs with host-independent and concentration-insensitive properties based on a bipolar iridium complex. <i>Journal of Materials Chemistry C</i> , 2013 , 1, 2920	7.1	66

32	Pentaphenylphenyl substituted quinacridone exhibiting intensive emission in both solution and solid state. <i>Journal of Materials Chemistry C</i> , 2013 , 1, 410-413	7.1	29
31	Multicolor fluorescence and electroluminescence of an ICT-type organic solid tuned by modulating the accepting nature of the central core. <i>Chemical Science</i> , 2013 , 4, 3288	9.4	95
30	Construction of full-color-tunable and strongly emissive materials by functionalizing a boron-chelate four-ring-fused π -conjugated core. <i>Journal of Materials Chemistry</i> , 2012 , 22, 4319-4328		95
29	Oligo(3-hexylthiophene)-functionalized dicyano-ethylene substituted quinacridone derivatives: synthesis, characterizations and applications as acceptors in photovoltaic devices. <i>New Journal of Chemistry</i> , 2012 , 36, 1788	3.6	11
28	Luminescent Dendrimers Composed of Quinacridone Core and Carbazole Dendrons: Structure, Electrochemical, and Photophysical Properties. <i>Journal of Physical Chemistry C</i> , 2012 , 116, 17796-17806	3.8	33
27	Brightly fluorescent red organic solids bearing boron-bridged π -conjugated skeletons. <i>Journal of Materials Chemistry</i> , 2011 , 21, 15298		65
26	Diboron-containing fluorophores with extended ladder-type π -conjugated skeletons. <i>Dalton Transactions</i> , 2011 , 40, 1279-85	4.3	52
25	Multi-Stimuli-Responsive Fluorescence Switching of a Donor-Acceptor π -Conjugated Compound. <i>Journal of Physical Chemistry Letters</i> , 2011 , 2, 666-670	6.4	216
24	Highly efficient white organic electroluminescence device based on a phosphorescent orange material doped in a blue host emitter. <i>Journal of Materials Chemistry</i> , 2011 , 21, 3551		101
23	Solution processable quinacridone based materials as acceptor for organic heterojunction solar cells. <i>Solar Energy Materials and Solar Cells</i> , 2011 , 95, 2670-2676	6.4	25
22	Dimeric quinacridone cyclophanes: Synthesis, structures, and photophysical properties. <i>Science China Chemistry</i> , 2011 , 54, 314-319	7.9	5
21	Ultrasound responsive organogels based on cholesterol-appended quinacridone derivatives with mechanochromic behaviors. <i>Science China Chemistry</i> , 2011 , 54, 641-650	7.9	12
20	High-resolution triple-color patterns based on the liquid behavior of organic molecules. <i>Small</i> , 2011 , 7, 1403-6	11	22
19	Nitrile-Substituted QA Derivatives: New Acceptor Materials for Solution-Processable Organic Bulk Heterojunction Solar Cells. <i>Advanced Energy Materials</i> , 2011 , 1, 431-439	21.8	128
18	Phenanthroimidazole-derivative semiconductors as functional layer in high performance OLEDs. <i>New Journal of Chemistry</i> , 2011 , 35, 1534	3.6	85
17	Boron-bridged π -conjugated ladders as efficient electron-transporting emitters. <i>Inorganic Chemistry</i> , 2011 , 50, 4825-31	5.1	61
16	A phosphorescent material with high and balanced carrier mobility for efficient OLEDs. <i>Chemical Communications</i> , 2011 , 47, 3150-2	5.8	47
15	Carbazolyl-contained phenol-pyridyl boron complexes: syntheses, structures, photoluminescent and electroluminescent properties. <i>Dalton Transactions</i> , 2010 , 39, 5123-9	4.3	24

14	Fac-Alq3 and mer-Alq3 nano/microcrystals with different emission and charge-transporting properties. <i>Advanced Materials</i> , 2010 , 22, 1631-4	24	62
13	Amidinate-ligated iridium(III) bis(2-pyridyl)phenyl complex as an excellent phosphorescent material for electroluminescence devices. <i>Chemical Communications</i> , 2009 , 3699-701	5.8	109
12	Alkyl chain length dependent morphology and emission properties of the organic micromaterials based on fluorinated quinacridone derivatives. <i>Langmuir</i> , 2009 , 25, 3264-70	4	38
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10	Very high-efficiency red-electroluminescence devices based on an amidinate-ligated phosphorescent iridium complex. <i>Journal of Materials Chemistry</i> , 2009 , 19, 8072		76
9	Assembly of One-Dimensional Organic Luminescent Nanowires Based on Quinacridone Derivatives. <i>Journal of Physical Chemistry C</i> , 2007 , 111, 9177-9183	3.8	66
8	Synthesis, structures, and luminescent properties of phenol-pyridyl boron complexes. <i>Inorganic Chemistry</i> , 2006 , 45, 2788-94	5.1	71
7	Pi-conjugated aromatic enynes as a single-emitting component for white electroluminescence. <i>Journal of the American Chemical Society</i> , 2006 , 128, 5592-3	16.4	431
6	High-performance blue electroluminescent devices based on hydroxyphenyl-pyridine beryllium complex. <i>Applied Physics Letters</i> , 2001 , 78, 2300-2302	3.4	75
5	Hydroxyphenyl-pyridine Beryllium Complex (Bepp2) as a Blue Electroluminescent Material. <i>Chemistry of Materials</i> , 2000 , 12, 2672-2675	9.6	65
4	X-ray Crystal Structure of Gallium Tris- (8-hydroxyquinoline): Intermolecular π -Stacking Interactions in the Solid State. <i>Chemistry of Materials</i> , 1999 , 11, 530-532	9.6	62
3	A highly efficient organic solar energy-absorbing material based on phthalocyanine derivative for integrated water evaporation and thermoelectric power generation application. <i>Journal of Materials Chemistry A</i> ,	13	4
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